


JUL 18 '91 T.L.H.

June 25, 1991


Nancy Vukelich
Chevron U.S.A.
2410 Camino Ramon
San Ramon, CA 94583-0804

Dear Ms. Vukelich

On June 12, 1991, a representative of WEST Laboratory collected soil and water samples at various locations at Chevron facility 90917. These samples were analyzed on-site in a mobile laboratory. This report is a synopsis of sampling activity for June 12 and includes laboratory data and a map as appendices.

Synopsis of Field Activity

At 9:30, the following observations were made : The excavation (see map) is approximately ten feet in depth at the center and contains approximately fifty to one hundred cubic yards of pea gravel. The pea gravel is interspersed with pieces of native soil, which appears to have a high clay content.

At 9:40, a backhoe lifted approximately one cubic yard of this pea gravel out of the excavation at location 1. A sample of this pea gravel was packed into a 2" diameter brass sleeve which was sealed with PTFE-coated plastic sheets and plastic endcaps. The sample was stored at 4 degrees C.

At 10:50, a water sample was collected from the excavation at location "H20-1" (see map). The sample was collected in 40-ml amber glass bottles sealed with PTFE-coated septae and stored at 4 degrees C.

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Island*
At 11:15, the backhoe removed several cubic yards of material at location 2 (see map) at a depth of approximately 7' below grade. The soil at this depth had a blue/black color and a "petroleum" odor. A soil sample was collected from the backhoe bucket. The soil sample was sealed and stored as described above.

At 11:55, three pea gravel samples were collected from the excavation at locations 3, 4, and 5. Sample collection was performed in the same manner as was sample collection at location 1. Only two of the three pea gravel samples were analyzed.

At 12:39, 4 soil samples were collected from 4 locations within the "Waste Oil Tank" stockpile. Approximately 1' of material was removed from the stockpile surface at each


location prior to sampling. Samples were collected by driving 2" diameter brass sleeves into the side of the stockpile using a woodell mallet. Filled sample sleeves were sealed and stored as described above.

At 13:49, the backhoe removed additional material at location 2, to a depth of approximately 8'. A sample was collected in the same manner as was the sample at location 2, depth 7'.

At 15:00, the backhoe excavated to a depth of 13' below grade at location 2. A sample was collected in the same manner as was the sample from 7'.

At 15:20, the backhoe excavated to a depth of 14' below grade at location 2. A sample was collected in the same manner as was the sample from 7'.

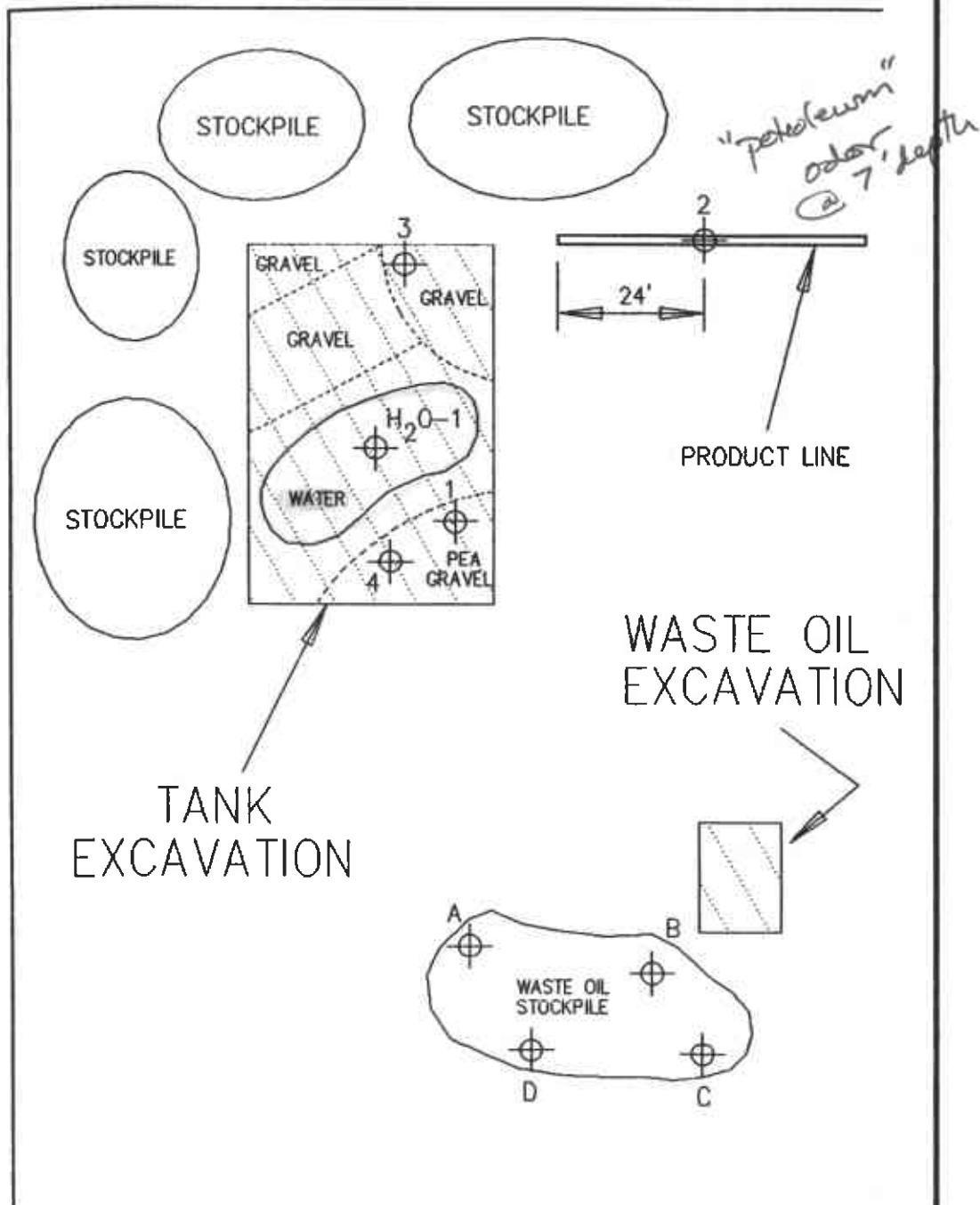
Please call me if you have any questions.


Joel Kiff
WEST Laboratory

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HOPYARD

OWENS



CHEVRON
FACILITY
90917

DATE: 6/12/1991

NOT TO SCALE

WEST Western Environmental
Science & Technology

1046 Olive Drive #3, Davis, CA 95616

Phone: (916) 753-9500

Drawn by: TGT



June 13, 1991
Sample Log 2671

Sample: Water 1

From : Chevron Facility 90917
Received : 06/12/91
Matrix : Water

--all concentrations are units of ~~µg/L~~

Parameter / (Reporting Limit)	Measured Value
Benzene (.5)	1500
Toluene (.5)	810
Ethylbenzene (.5)	380
Total Xylenes (.5)	6300
TPH as Gasoline (50)	42000